

TITLE OF THE INVENTION

**SYSTEM AND METHOD FOR TUNING OUTPUT DRIVERS USING VOLTAGE
CONTROLLED OSCILLATOR CAPACITOR SETTINGS**

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ABSTRACT OF THE DISCLOSURE

The present invention provides a method for tuning output drivers to an operating frequency based on settings used to tune other devices within the device such as a VCO.

First the VCO within a PLL and clock circuit is tuned to the desired operating frequency.

- 10 This operating frequency then corresponds to a discrete tuning setting. The discrete setting that causes the VCO to function at the operating frequency are then transferred to scaled amplifiers within output drivers. These drivers are then tuned to the operating frequency with these settings. This process eliminates the need to individually tune each output driver to function properly at the operating frequency.

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